

PRIOR ART FIG. 1

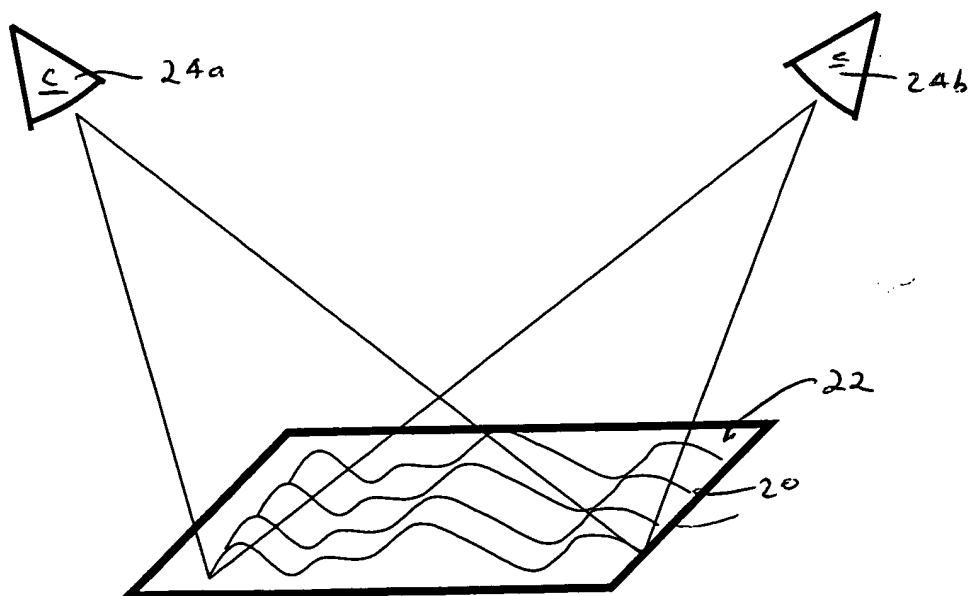


FIG. 2

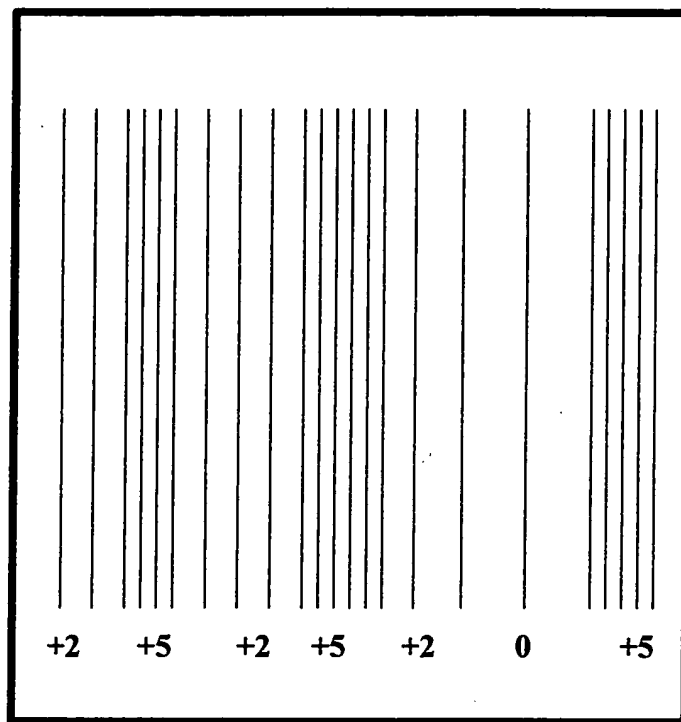


FIG. 3

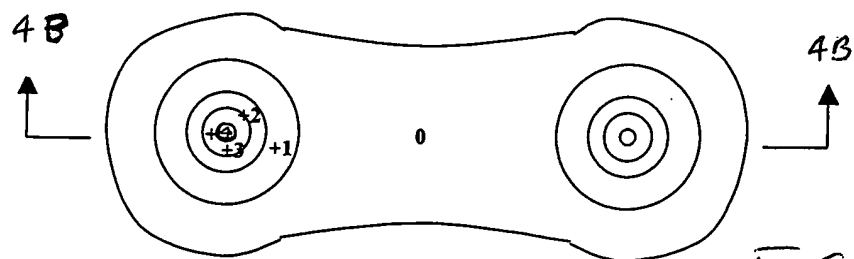


FIG. 4A

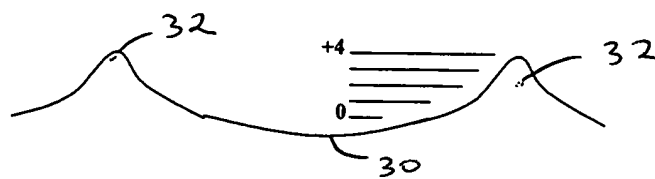
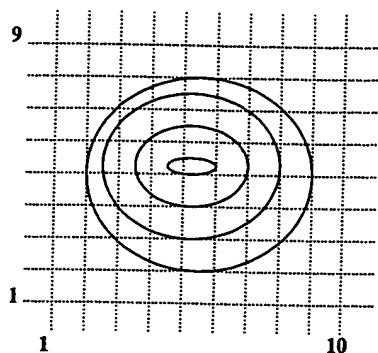
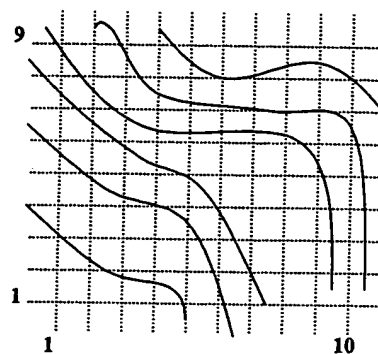


FIG. 4B



Gravity Data

FIG. 5A



Magnetic Data

FIG. 5B

$$\delta\epsilon_x = \begin{bmatrix} 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 1 \\ 0 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 \\ 2 & 0 & 0 & 0 \end{bmatrix}$$

FIG. 6A

$$\delta\epsilon_y = \begin{bmatrix} 1 & 1 & 1 & 1 & 1 \\ 1 & 1 & 1 & 1 & 0 \\ 0 & 1 & 2 & 2 & 2 \\ 1 & 2 & 1 & 1 & 1 \end{bmatrix}$$

FIG. 6B

$$\delta\epsilon_x = \begin{bmatrix} \bullet & \bullet & \bullet & \rightarrow \\ \bullet & \bullet & \bullet & \rightarrow \\ \bullet & \bullet & \bullet & \bullet \\ \rightarrow & \rightarrow & \bullet & \bullet \\ \Rightarrow & \bullet & \bullet & \bullet \end{bmatrix}$$

FIG. 7A

$$\delta\epsilon_y = \begin{bmatrix} \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ \uparrow & \uparrow & \uparrow & \uparrow & \bullet \\ \bullet & \uparrow & \uparrow & \uparrow & \uparrow \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \end{bmatrix}$$

FIG. 7B

$$\delta\epsilon_x + \delta\epsilon_y = \begin{bmatrix} \uparrow & \uparrow & \uparrow & \square & \square \\ \uparrow & \uparrow & \uparrow & \square & \rightarrow \\ \bullet & \square & \square & \uparrow\uparrow & \uparrow\uparrow \\ \square & \square & \square & \uparrow & \uparrow \\ \square & \square & \uparrow & \uparrow & \uparrow \end{bmatrix}$$

FIG. 8

$$\delta\gamma_x + \delta\gamma_y = \begin{bmatrix} \rightarrow & \rightarrow & \rightarrow & \rightarrow & \rightarrow \\ \rightarrow & \rightarrow & \rightarrow & \square & \square \\ \rightarrow & \rightarrow & \square & \square & \uparrow\uparrow \\ \rightarrow & \square & \square & \uparrow & \uparrow\uparrow \\ \rightarrow & \square & \square & \uparrow & \uparrow \end{bmatrix}$$

FIG. 9

$$\delta\mu_x + \delta\mu_y = \begin{bmatrix} \rightarrow & \rightarrow & \rightarrow & \rightarrow & \rightarrow \\ \rightarrow & \rightarrow & \rightarrow & \rightarrow & \rightarrow \\ \rightarrow & \rightarrow & \bullet & \bullet & \bullet \\ \rightarrow & \rightarrow & \rightarrow & \rightarrow & \square \\ \rightarrow & \rightarrow & \rightarrow & \rightarrow & \square \end{bmatrix}$$

FIG. 10

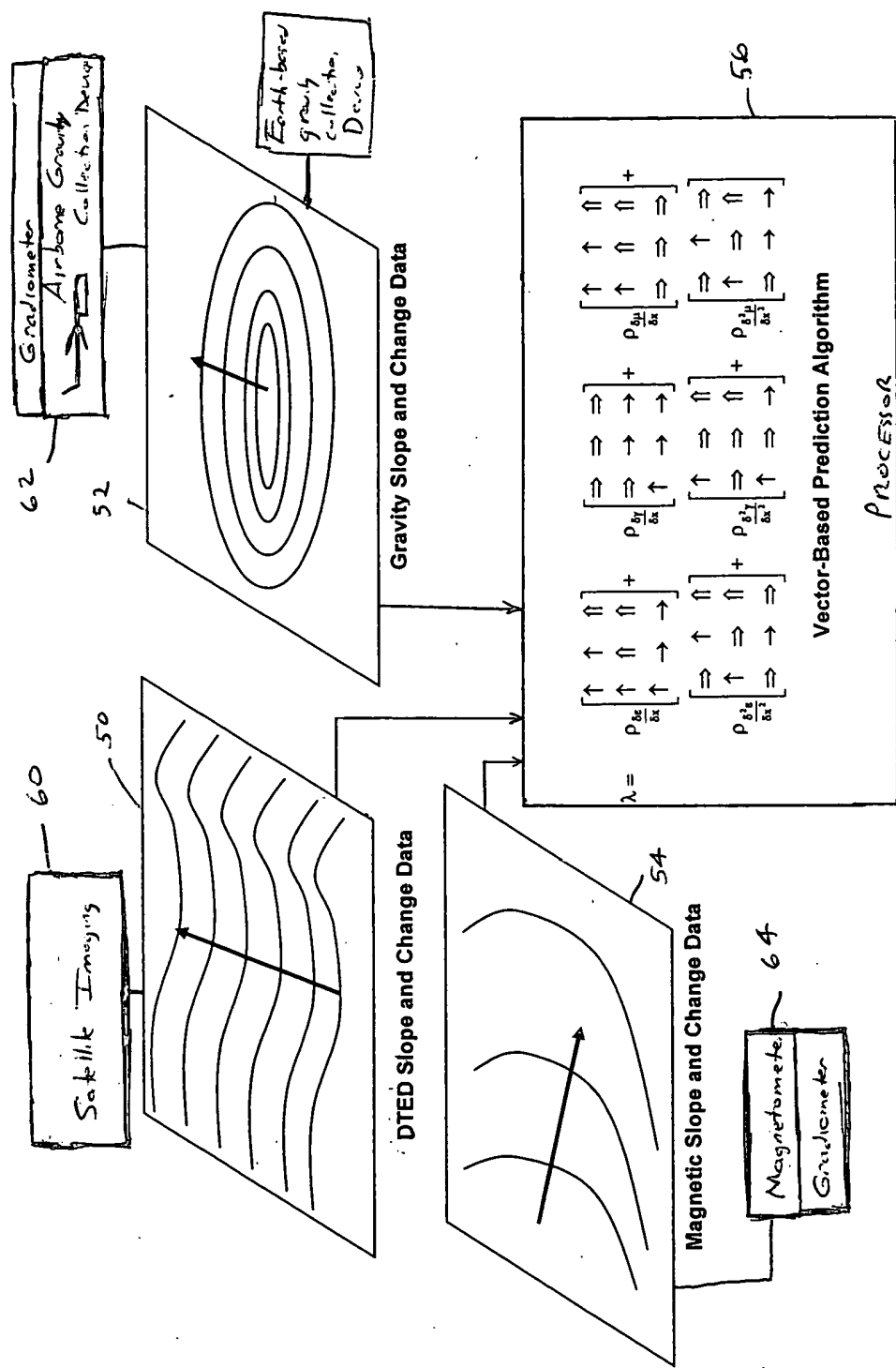


FIG. 12

$$\lambda = \rho_{\epsilon} \begin{bmatrix} \uparrow & \uparrow & \uparrow & \square & \square \\ \uparrow & \uparrow & \uparrow & \square & \rightarrow \\ \bullet & \square & \square & \uparrow\uparrow & \uparrow\uparrow \\ \square & \square & \square & \uparrow & \uparrow \\ \square & \square & \uparrow & \uparrow & \uparrow \end{bmatrix} + \rho_{\gamma} \begin{bmatrix} \rightarrow & \rightarrow & \rightarrow & \rightarrow & \rightarrow \\ \rightarrow & \rightarrow & \rightarrow & \square & \square \\ \rightarrow & \rightarrow & \square & \square & \uparrow\uparrow \\ \rightarrow & \square & \square & \uparrow & \uparrow\uparrow \\ \rightarrow & \square & \square & \uparrow & \uparrow \end{bmatrix} + \rho_{\mu} \begin{bmatrix} \rightarrow & \rightarrow & \rightarrow & \rightarrow & \rightarrow \\ \rightarrow & \rightarrow & \rightarrow & \rightarrow & \rightarrow \\ \rightarrow & \rightarrow & \rightarrow & \rightarrow & \rightarrow \\ \rightarrow & \rightarrow & \bullet & \bullet & \bullet \\ \rightarrow & \rightarrow & \rightarrow & \rightarrow & \square \\ \rightarrow & \rightarrow & \rightarrow & \rightarrow & \square \end{bmatrix}$$

FIG. 11

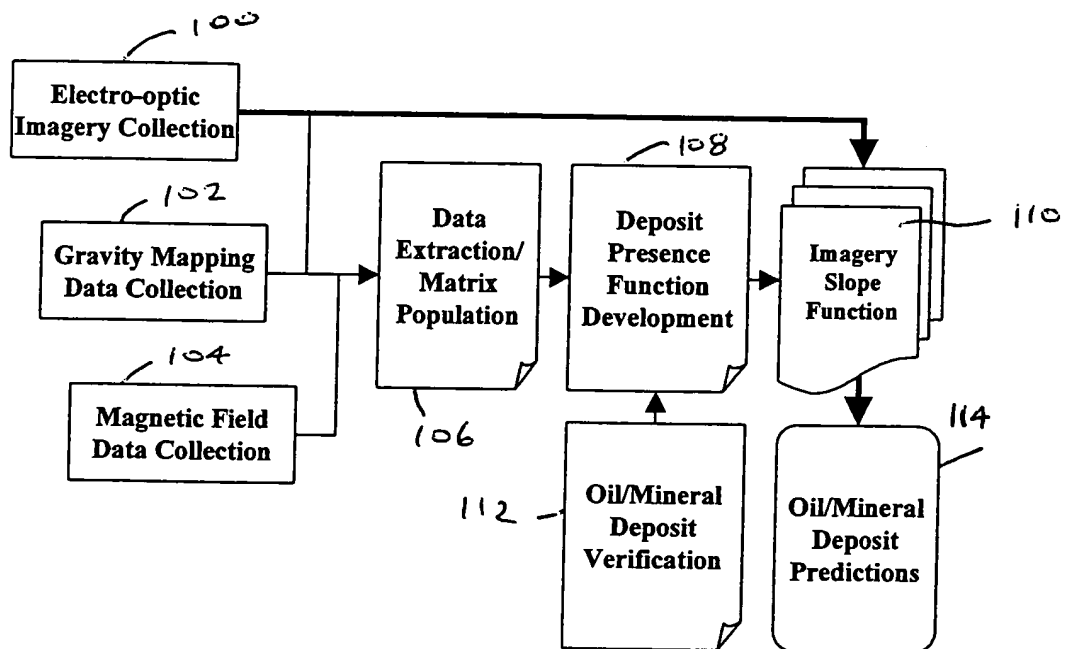


FIG. 13